Los Alamos National Laboratory

Develops

"Quick to WIPP"

Strategy

Waste Management Symposium, WM'03

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Quick to WIPP

Introduction

9,100 m^3 transuranic waste stored

- more than half above ground
- 55-gallon drums
- fabric covered domes

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Quick to WIPP

Goal

- Move from managing risk
- To eliminating or significantly reducing

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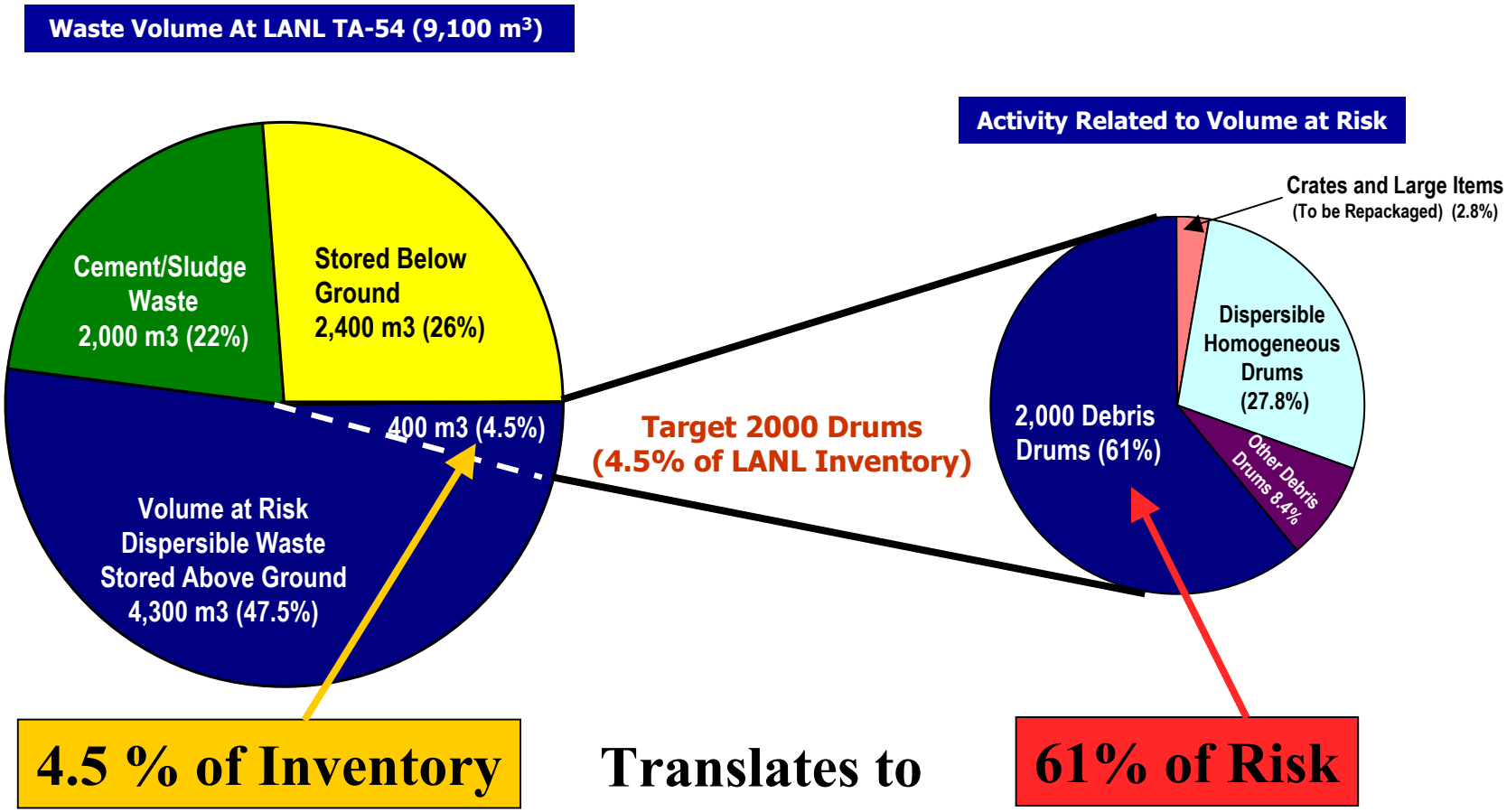

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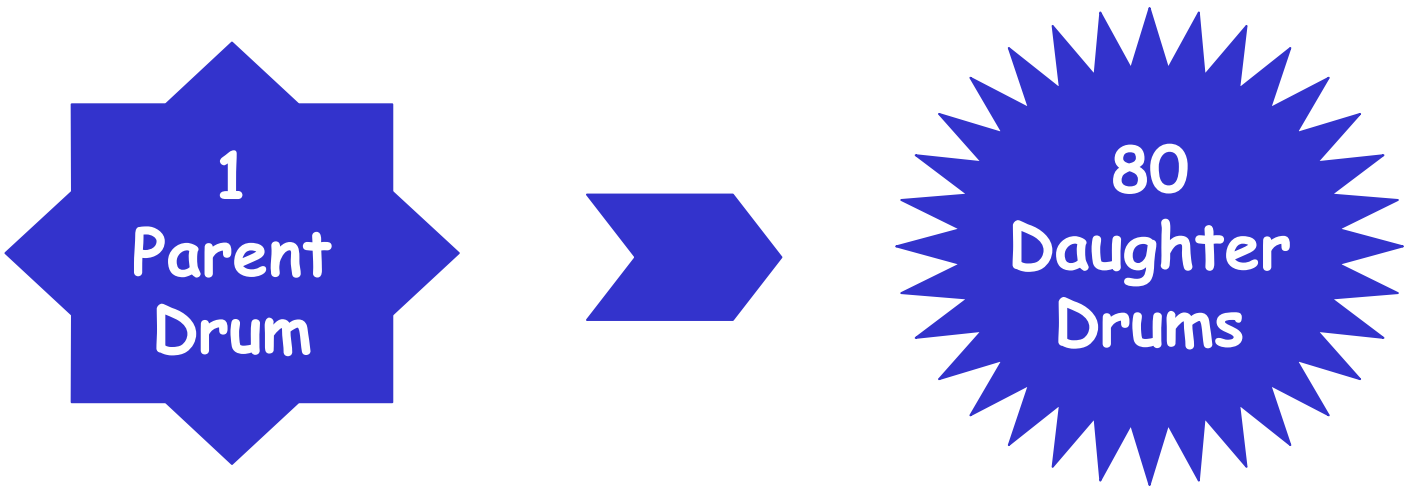
Waste

High wattage

H_2 concentration < 5%



Question

- Over come repackaging barrier
- Meet all regulatory requirements

Study

- DOE commissioned feasibility study
- 3 scenarios

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Quick to WIPP

Solution

- Load the ICV
- Apply a vacuum
- Backfill with nitrogen
- Limit time in ICV to 5 days

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Implementation

- Feasibility study complete February 02
- NRC briefing February 02
- Revision 19a to TRAMPAC submitted March 02
- Demonstration test June - September 02
- Stakeholder briefings Summer 02
- NRC approved Revision 19a July 02
- First Quick to WIPP drums shipped December 02

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